

C. B. Patel Computer College and J. N. M. P. Science College,

Bharthana, Surat

Theory Assignment – 3 and 4

304 : Object oriented Programming & Data Structures

Assignment - 3

1. What is Data Structure? Explain various types of data structures in detail.
2. What is stack? Explain PUSH, POP and PEEP operations with its algorithms.

Assignment - 4

1. Explain conversion of INFIX expression into PREFIX expression with its algorithm and example.
2. What is limitation of simple queue? Explain Circular Queue along with its INSERT and DELETE algorithms.